

Restoring Water Quality and Aquatic Ecosystems

Using the Best Information to Implement Watershed Plans and TMDLs

February 8-9, 2012 Water Boards Training Center Sacramento



Wednesday, February 8

8:00 – 8:30 am **Check-In and Registration**
We'll Start Promptly at 8:30 am!

8:30 – 8:45 am **Welcome and Introductions**
Wilson Yee, US EPA; [Steve Fagundes](#), SWRCB

Objectives of the workshop include increasing awareness and understanding of watershed-based plans developed under the CWA Sec. 319 program, developing consistency in watershed-based plans, building awareness of other state and regional water resource planning efforts, and furthering the role of planning as a key tool for improving water quality

8:45 – 9:45 am **Watershed-Based Plans Supported by the CWA Sec. 319 NPS Program**
[Barry Tanning](#), Tetra Tech

In-depth exploration of the nine key elements of watershed plans supported by the USEPA and state Nonpoint Source Pollution Programs; matching the complexity of the watershed and its pollutant mix with the level of detail and sophistication needed for appropriate planning. Results of US EPA HQ "Best in the Nation" watershed plan review study of 2007.

9:45 – 10:30 am **Watershed-Based Plans: Tools for Improving Water Quality**
[Wilson Yee](#), USEPA and Steve Fagundes, CA SWRCB

How watershed-based plans inform funding decisions and help create better projects. How proposals are presented and evaluated. US EPA and California's approach for reviewing WBPs, and examples of how some existing plans have addressed the nine elements (e.g., Santa Clara County IRWM, etc.).

10:30 – 10:45 am **Break**

10:45 – 12:00 n **Identifying Stressors, Sources, and Needed Pollutant Load Reductions**
[Steve Carter](#), Tetra Tech

Simple and more complex approaches for identifying the causes of waterbody impairment, the pollutant/stressor sources, and the magnitude of each. Approaches for quantifying pollutant load reductions needed to meet water quality criteria.

12:00 – 1:00 pm **Lunch**

Lunch on your own, with networking time

- 1:00 – 2:30 pm** **Approaches for Selecting BMPs and Estimating Their Performance**
[Steve Carter](#), Tetra Tech
- Simple and more complex approaches for identifying and prioritizing BMPs and their location, size, operation, and maintenance; addressing scale issues in moving from watershed-based plans to subwatershed / reach level projects. Approaches for quantifying BMP performance in terms of load reductions expected.*
- 2:30 – 2:45 pm** **Break**
- 2:45 – 4:15 pm** **BMP Implementation: Barriers, Problems, Solutions, and Workarounds**
Case Study Presenters: [Jeanette Wrysinski](#), Yolo County RCD; [Stuart Siegel](#), Wetlands and Water Resources; [Harry McQuillen](#), BLM and Jacob Fleck, USGS, on the Cosumnes River Preserve
- Addressing technical, scientific, engineering, and social issues related to BMP implementation. Decision approaches and matrices on how to select specific subwatersheds/issues for attention and action.*
- 4:15 – 4:30 pm** **Wrap Up of Day 1, Preview of Day 2, Adjournment**
Barry Tanning, Tetra Tech
- Question and answer period; identification of issues to address during the Day 2 sessions, attendee plans for dinner and dinner options*

Thursday, February 9

- 8:15 – 8:30 am** **Review of Day 1 and Kickoff for Day 2**
Barry Tanning, Tetra Tech
- Agenda review, review of issues identified during Day 1, announcements*
- 8:30 – 10:00 am** **Integrating Watershed Plans with Total Maximum Daily Loads**
Presenter: [Valentina Cabrera-Stagno](#), US EPA
Case study presenters: [Mike Napolitano](#), Napa River; [Stephen McCord](#), McCord Environmental, Consultant for the Sacramento River Watershed Program; [Adrienne Harris](#), Executive Director, Morro Bay National Estuary Program
- California TMDL Implementation Plans vs Watershed Plans: issues of scale and level of detail, ensuring consistency, accountability, monitoring, participation, outreach, and additional planning to improve investments and results.*
- 10:00 – 10:15 am** **Break**

- 10:15 – 11:15 am** **Integrating Federal, State, and Regional Planning Approaches to Improve Water Quality**
TRM – [John Lowrie](#), DOC; IRWM – [Tracie Billington](#), DWR; WaterSmart and the Cooperative Watershed Management Program, [Sheryl Looper](#), Sacramento Office, US Bureau of Reclamation
- Review of various water resource planning approaches used in California, including Total Resources Management, Integrated Regional Water Management Plans, Total Maximum Daily Loads, and other planning processes involving water resource management*
- 11:15 – 12:00 pm** **Opportunities for Integration and Partnership**
Barry Tønning, Facilitator
- Facilitated group discussion on watershed-based and water resource planning approaches and how they are similar/different – regarding objectives, scale, level of detail, applicability, and other factors.*
- 12:00 – 1:00 pm** **Lunch**
- Lunch on your own, with networking time*
- 1:00 – 2:30 pm** **Case Studies on Integrated Planning**
Doug Smith, Lahontan Regional Water Quality Control Board, South Lake Tahoe; [Clayton Creager](#), North Coast Water Quality Control Board, Klamath River; [Marcia Gibbs](#), Sustainable Farming; [Parry Klassen](#), East San Joaquin Water Quality Coalition
- Examples and facilitated discussion of how watershed-based planning, water resource protection/management, and related activities can develop integrated and mutually supportive approaches for protecting and restoring water quality*
- 2:30 – 3:00 pm** **Overview of Lessons Learned and Next Steps**
[Sam Ziegler](#), US EPA, Facilitator
- Facilitated Water Quality Control Board Panel Discussion: Mark Adelson SARWQCB; Guy Chetelat CVRWQCB; Jenny Newman LARWQCB; Jodi Pontureri SWRCB; Chris Rose CCRWQCB*
- Workshop evaluation forms collected – drive safely!*